

# SCORE Search Results Details for Application 10573229 and Search Result 20100803\_081515\_us-10-573-229a-1.rnpbm

<a href="#">Score Home Page</a>	<a href="#">Retrieve Application List</a>	<a href="#">SCORE System Overview</a>	<a href="#">SCORE FAQ</a>	<a href="#">Comments / Suggestions</a>
---------------------------------	---	---------------------------------------	---------------------------	--

This page gives you Search Results detail for the Application 10573229 and Search Result 20100803\_081515\_us-10-573-229a-1.rnpbm.

[Go Back to previous page](#)

GenCore version 6.3  
Copyright (c) 1993 - 2010 Biocceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 3, 2010, 11:11:48 ; Search time 3626 Seconds  
(without alignments)  
8227.513 Million cell updates/sec

Title: US-10-573-229A-1

Perfect score: 920

Sequence: 1 tctgttagagggaaatggctg.....accccaaagaaaccttcta 920

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 47221952 seqs, 16213567129 residues

Total number of hits satisfying chosen parameters: 94443904

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA\_Main:\*

1: /ABSS/Data/CRF/ptodata/2/pubpna/US07\_PUBCOMB.seq:\*

2: /ABSS/Data/CRF/ptodata/2/pubpna/US08\_PUBCOMB.seq:\*

3: /ABSS/Data/CRF/ptodata/2/pubpna/US09A\_PUBCOMB.seq:\*

4: /ABSS/Data/CRF/ptodata/2/pubpna/US09B\_PUBCOMB.seq:\*

5: /ABSS/Data/CRF/ptodata/2/pubpna/US09C\_PUBCOMB.seq:\*

6: /ABSS/Data/CRF/ptodata/2/pubpna/US09D\_PUBCOMB.seq:\*

7: /ABSS/Data/CRF/ptodata/2/pubpna/US10A\_PUBCOMB.seq:\*

8: /ABSS/Data/CRF/ptodata/2/pubpna/US10B\_PUBCOMB.seq:\*

9: /ABSS/Data/CRF/ptodata/2/pubpna/US10C\_PUBCOMB.seq:\*

10: /ABSS/Data/CRF/ptodata/2/pubpna/US10D\_PUBCOMB.seq:\*

11: /ABSS/Data/CRF/ptodata/2/pubpna/US10E\_PUBCOMB.seq:\*

12: /ABSS/Data/CRF/ptodata/2/pubpna/US10F\_PUBCOMB.seq:\*

13: /ABSS/Data/CRF/ptodata/2/pubpna/US10G\_PUBCOMB.seq:\*

14: /ABSS/Data/CRF/ptodata/2/pubpna/US10H\_PUBCOMB.seq:\*

15: /ABSS/Data/CRF/ptodata/2/pubpna/US10I\_PUBCOMB.seq:\*
 16: /ABSS/Data/CRF/ptodata/2/pubpna/US10J\_PUBCOMB.seq:\*
 17: /ABSS/Data/CRF/ptodata/2/pubpna/US10K\_PUBCOMB.seq:\*
 18: /ABSS/Data/CRF/ptodata/2/pubpna/US10L\_PUBCOMB.seq:\*
 19: /ABSS/Data/CRF/ptodata/2/pubpna/US10M\_PUBCOMB.seq:\*
 20: /ABSS/Data/CRF/ptodata/2/pubpna/US20050255487A1.seq.1:\*
 21: /ABSS/Data/CRF/ptodata/2/pubpna/US20050255487A1.seq.2:\*
 22: /ABSS/Data/CRF/ptodata/2/pubpna/US11A\_PUBCOMB.seq:\*
 23: /ABSS/Data/CRF/ptodata/2/pubpna/US11B\_PUBCOMB.seq:\*
 24: /ABSS/Data/CRF/ptodata/2/pubpna/US11C\_PUBCOMB.seq:\*
 25: /ABSS/Data/CRF/ptodata/2/pubpna/US11D\_PUBCOMB.seq:\*
 26: /ABSS/Data/CRF/ptodata/2/pubpna/US11E\_PUBCOMB.seq:\*
 27: /ABSS/Data/CRF/ptodata/2/pubpna/US11F\_PUBCOMB.seq:\*
 28: /ABSS/Data/CRF/ptodata/2/pubpna/US11G\_PUBCOMB.seq:\*
 29: /ABSS/Data/CRF/ptodata/2/pubpna/US11H\_PUBCOMB.seq:\*
 30: /ABSS/Data/CRF/ptodata/2/pubpna/US11I\_PUBCOMB.seq:\*
 31: /ABSS/Data/CRF/ptodata/2/pubpna/US11J\_PUBCOMB.seq:\*
 32: /ABSS/Data/CRF/ptodata/2/pubpna/US11K\_PUBCOMB.seq:\*
 33: /ABSS/Data/CRF/ptodata/2/pubpna/US11L\_PUBCOMB.seq:\*
 34: /ABSS/Data/CRF/ptodata/2/pubpna/US11M\_PUBCOMB.seq:\*
 35: /ABSS/Data/CRF/ptodata/2/pubpna/US11N\_PUBCOMB.seq:\*
 36: /ABSS/Data/CRF/ptodata/2/pubpna/US12A\_PUBCOMB.seq:\*
 37: /ABSS/Data/CRF/ptodata/2/pubpna/US12B\_PUBCOMB.seq:\*

## SUMMARIES

%

Result	Query					Description	
	No.	Score	Match	Length	DB		
	1	920	100.0	920	19	US-10-573-229A-1	Sequence 1, Appli
	2	920	100.0	920	35	US-11-886-758-1	Sequence 1, Appli
	3	322.2	35.0	650	4	US-09-925-065A-602935	Sequence 602935,
	4	322.2	35.0	650	5	US-09-925-065A-602935	Sequence 602935,
	5	309.8	33.7	501	4	US-09-925-065A-602938	Sequence 602938,
	6	309.8	33.7	501	5	US-09-925-065A-602938	Sequence 602938,
c	7	178.2	19.4	390	19	US-10-573-229A-267	Sequence 267, App
c	8	176.6	19.2	390	35	US-11-886-758-267	Sequence 267, App
	9	149.8	16.3	872	30	US-11-443-428A-197866	Sequence 197866,
	10	149.6	16.3	485	4	US-09-925-065A-425353	Sequence 425353,
	11	149.6	16.3	485	5	US-09-925-065A-425353	Sequence 425353,
	12	122.6	13.3	561	3	US-09-854-867-108	Sequence 108, App
	13	122.6	13.3	561	11	US-10-786-970A-108	Sequence 108, App
	14	122.6	13.3	561	37	US-12-411-359-108	Sequence 108, App
	15	122.6	13.3	561	37	US-12-427-111-108	Sequence 108, App
	16	121.2	13.2	541	3	US-09-854-867-107	Sequence 107, App
	17	121.2	13.2	541	11	US-10-786-970A-107	Sequence 107, App
	18	121.2	13.2	541	37	US-12-411-359-107	Sequence 107, App
	19	121.2	13.2	541	37	US-12-427-111-107	Sequence 107, App
c	20	119.6	13.0	493	4	US-09-925-065A-176178	Sequence 176178,
c	21	119.6	13.0	493	5	US-09-925-065A-176178	Sequence 176178,
c	22	119.6	13.0	504	15	US-10-301-480-267430	Sequence 267430,
c	23	119.6	13.0	504	15	US-10-301-480-880839	Sequence 880839,
c	24	109.6	11.9	590	4	US-09-925-065A-73587	Sequence 73587, A
c	25	109.6	11.9	590	4	US-09-925-065A-73588	Sequence 73588, A
c	26	109.6	11.9	590	5	US-09-925-065A-73587	Sequence 73587, A
c	27	109.6	11.9	590	5	US-09-925-065A-73588	Sequence 73588, A
c	28	109.6	11.9	590	15	US-10-301-480-174826	Sequence 174826,

c 29	109.6	11.9	590	15	US-10-301-480-174827	Sequence 174827,
c 30	109.6	11.9	590	15	US-10-301-480-788235	Sequence 788235,
c 31	109.6	11.9	590	15	US-10-301-480-788236	Sequence 788236,
c 32	108	11.7	2300	31	US-11-636-385-34991	Sequence 34991, A
33	104.8	11.4	449	30	US-11-443-428A-346143	Sequence 346143,
34	104.8	11.4	478	25	US-11-266-748A-80010	Sequence 80010, A
c 35	104.8	11.4	478	25	US-11-266-748A-132821	Sequence 132821,
36	104.8	11.4	737	16	US-10-472-965-725	Sequence 725, App
37	104.8	11.4	737	17	US-10-105-299-6677	Sequence 6677, Ap
38	104.8	11.4	737	17	US-10-472-964-759	Sequence 759, App
39	104.8	11.4	797	16	US-10-472-965-117	Sequence 117, App
40	104.8	11.4	797	17	US-10-105-299-234	Sequence 234, App
41	104.8	11.4	797	17	US-10-472-964-112	Sequence 112, App
42	104.8	11.4	797	18	US-10-994-608-234	Sequence 234, App
43	104.8	11.4	797	33	US-11-781-665-234	Sequence 234, App
c 44	104.8	11.4	137000	8	US-10-172-911-11	Sequence 11, Appl
c 45	104.8	11.4	137000	13	US-10-515-538-11	Sequence 11, Appl

## ALIGNMENTS

## RESULT 1

US-10-573-229A-1

; Sequence 1, Application US/10573229A  
; Publication No. US20080166340A1  
; GENERAL INFORMATION  
; APPLICANT: Ganymed Pharmaceuticals AG  
; APPLICANT:TURECI, Ozlem  
; APPLICANT:SAHIN, Ugur  
; APPLICANT:HEFTENBEIN, Gerd  
; APPLICANT:SCHLUTER, Volker  
; TITLE OF INVENTION: Identification of Tumour-Associated Cell Surface Antigens  
; TITLE OF INVENTION:for Diagnosis and Therapy  
; FILE REFERENCE: VOS-203  
; CURRENT APPLICATION NUMBER: US/10/573,229A  
; CURRENT FILING DATE: 2008-03-06  
; PRIOR APPLICATION NUMBER: PCT/EP2004/010697  
; PRIOR FILING DATE: 2004-09-23  
; PRIOR APPLICATION NUMBER: DE 103 44 799.7  
; PRIOR FILING DATE: 2003-09-26  
; NUMBER OF SEQ ID NOS: 312  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 1  
; LENGTH: 920  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-10-573-229A-1

Query Match 100.0%; Score 920; DB 19; Length 920;  
Best Local Similarity 100.0%;  
Matches 920; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGTGCATGAGCAGCCCAGTGGAGAGGTG 60  
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db 1 TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGTGCATGAGCAGCCCAGTGGAGAGGTG 60

Qy 61 CACTTGGTGAGAAACCGATGCCTCTGCCAACCAACCTGCACTAACCTGCTGGGTCTGAGAC 120  
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db 61 CACTTGGTGAGAAACCGATGCCTCTGCCAACCAACCTGCACTAACCTGCTGGGTCTGAGAC 120

Qy 121 TGAGCCACTTGGAGCTGATCTGGAGCACCAGTCAAGCCCTAGCTGGCTGCAGCCAC 180  
||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db 121 TGAGCCACTTGGAGCTGATCTGGAGCACCAGTCAAGCCCTAGCTGGCTGCAGCCAC 180

Qy 181 AGCCAACAACAAGACTGCAACCTCCTGGGGATCCTGAGCCAGAATCCCTGGCTAAATT 240  
||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db 181 AGCCAACAACAAGACTGCAACCTCCTGGGGATCCTGAGCCAGAATCCCTGGCTAAATT 240

Qy 241 GCTCCTTGATTCTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA 300  
||||||||||||||||||||||||||||||||||||||||||||||||||||

Db 241 GCTCCTTGATTCTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA 300

Qy 301 GATCCCAGTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCAATGCAGGAATGCTGGCC 360  
||||||||||||||||||||||||||||||||||||||||||||||||

Db 301 GATCCCAGTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCAATGCAGGAATGCTGGCC 360

Qy 361 ATCATTGCTTCTGCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACG 420  
||||||||||||||||||||||||||||||||||||||||||||

Db 361 ATCATTGCTTCTGCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACG 420

Qy 421 TGGAGTAAAAACTTAAGGGCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGATGCCA 480  
||||||||||||||||||||||||||||||||||||||||||||

Db 421 TGGAGTAAAAACTTAAGGGCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGATGCCA 480

Qy 481 TTTCTCTGCTTCTGCAAAAGGACTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTA 540  
||||||||||||||||||||||||||||||||||||||||||||

Db 481 TTTCTCTGCTTCTGCAAAAGGACTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTA 540

Qy 541 AAACCCCTCCCTGCCCAAGGCCCAAGCAAGGATTCCCTAGCAGGGAGGAAGGTAGAAC 600  
||||||||||||||||||||||||||||||||||||||||||||

Db 541 AAACCCCTCCCTGCCCAAGGCCCAAGCAAGGATTCCCTAGCAGGGAGGAAGGTAGAAC 600

Qy 601 GAGAGACCTCTAACCTGGGAGAGGAGGGAGGGAAATCTCGAGGACCAGGGTTATGCAA 660  
||||||||||||||||||||||||||||||||||||||||||||

Db 601 GAGAGACCTCTAACCTGGGAGAGGAGGGAGGGAAATCTCGAGGACCAGGGTTATGCAA 660

Qy 661 CAACACAAGGGAAAGTACCTGCTGGTTCTGGGGTTGGGAAGGAAATCCCTACTGCC 720  
||||||||||||||||||||||||||||||||||||||||

Db 661 CAACACAAGGGAAAGTACCTGCTGGTTCTGGGGTTGGGAAGGAAATCCCTACTGCC 720

Qy 721 CAAGAGCCAGCCCCGAACCCAAGGCACAGCTTATACTGGCCCCGGGCCTGGGGGGCAC 780  
||||||||||||||||||||||||||||||||||||||||

Db 721 CAAGAGCCAGCCCCGAACCCAAGGCACAGCTTATACTGGCCCCGGGCCTGGGGGGCAC 780

Qy 781 GAAAACCTTGAAAAGGGCGCCTTCCCAGCTTCCCCGGGGTAAGGGTTTACCCCCCA 840  
||||||||||||||||||||||||||||||||||||||||

Db 781 GAAAACCTTGAAAAGGGCGCCTTCCCAGCTTCCCCGGGGTAAGGGTTTACCCCCCA 840

Qy 841 GAGGGGGGGGGAAAAATCCGAGTGGATCTTCCAACCGCCGAAGACTAAAACCTTAA 900  
||||||||||||||||||||||||||||||||||||||||

```

Db      841 GAGGGGGGGGGAAAAATCCGAGTGGGATCTTCCAACCGCCGAAGACTAAAACCTTAA 900
Qy      901 ACCCCCCAAAGAACCTTCTA 920
          ||||||| ||||||| ||||| |
Db      901 ACCCCCCAAAGAACCTTCTA 920

```

## RESULT 2

US-11-886-758-1

```

; Sequence 1, Application US/11886758
; Publication No. US20090214550A1
; GENERAL INFORMATION:
; APPLICANT: Ganymed Pharmaceuticals AG
; TITLE OF INVENTION: Identification of Surface-Associated Antigens for
; TITLE OF INVENTION: Tumor Diagnosis and Therapy
; FILE REFERENCE: 342-26PCT
; CURRENT APPLICATION NUMBER: US/11/886,758
; CURRENT FILING DATE: 2007-09-27
; PRIOR APPLICATION NUMBER: DE 10 2005 013 846.2
; PRIOR FILING DATE: 2005-03-24
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 920
; TYPE: DNA
; ORGANISM: Homo sapiens

```

US-11-886-758-1

```

Query Match          100.0%;  Score 920;  DB 35;  Length 920;
Best Local Similarity 100.0%;
Matches 920;  Conservative 0;  Mismatches 0;  Indels 0;  Gaps 0;

```

```

Qy      1 TCTGTAGAGGGGAATGGCTGCTGTCTGGGGTGCATGAGCAGCCCAGTGGAGAGGTG 60
          ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||| |
Db      1 TCTGTAGAGGGGAATGGCTGCTGTCTGGGGTGCATGAGCAGCCCAGTGGAGAGGTG 60

```

```

Qy      61 CACTTGGTGAGAAACCGATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGAC 120
          ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||| |
Db      61 CACTTGGTGAGAAACCGATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGAC 120

```

```

Qy      121 TGAGCCACTTGGAGCTGATCTGGAGCACCAGTCAGGCCCTAGCTGGCTGCAGCCAC 180
          ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||| |
Db      121 TGAGCCACTTGGAGCTGATCTGGAGCACCAGTCAGGCCCTAGCTGGCTGCAGCCAC 180

```

```

Qy      181 AGCCAACAACAAGACTGCAACCTCCTGGGGATCCTGAGCCAGAATCCCTGGCTAAATT 240
          ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||| |
Db      181 AGCCAACAACAAGACTGCAACCTCCTGGGGATCCTGAGCCAGAATCCCTGGCTAAATT 240

```

```

Qy      241 GCTCCTTGATTCTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA 300
          ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||| |
Db      241 GCTCCTTGATTCTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA 300

```

```

Qy      301 GATCCCAGTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCCAATGCAGGAATGCTGGCC 360
          ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||| |
Db      301 GATCCCAGTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCCAATGCAGGAATGCTGGCC 360

```

Qy	361	ATCATTGCTTCTGCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACG	420
Db	361	ATCATTGCTTCTGCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACG	420
Qy	421	TGGAGTGAAAACTTAAGGGCTGTCCAGCTAACCTCCAACCTCCAGATCCCATGCCAA	480
Db	421	TGGAGTGAAAACTTAAGGGCTGTCCAGCTAACCTCCAACCTCCAGATCCCATGCCAA	480
Qy	481	TTTCTCTGCTTCTGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTA	540
Db	481	TTTCTCTGCTTCTGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTA	540
Qy	541	AAACCCTCCCTGCCCAAGGCCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAAC	600
Db	541	AAACCCTCCCTGCCCAAGGCCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAAC	600
Qy	601	GAGAGACCTCTAACCTGGGAGAGGGAGGGAAATCTCGAGGACCAGGGTTATGCAA	660
Db	601	GAGAGACCTCTAACCTGGGAGAGGGAGGGAAATCTCGAGGACCAGGGTTATGCAA	660
Qy	661	CAACACAAGGGAAGTACCTGCTGGTTCTGGGGTTGGGAAGGAAATCCCTACTGCC	720
Db	661	CAACACAAGGGAAGTACCTGCTGGTTCTGGGGTTGGGAAGGAAATCCCTACTGCC	720
Qy	721	CAAGAGCCAGCCCCAACCAAGGCACAGCTTATACTGGCCCCGGGCCTGGGGGGCAC	780
Db	721	CAAGAGCCAGCCCCAACCAAGGCACAGCTTATACTGGCCCCGGGCCTGGGGGGCAC	780
Qy	781	GAAAACCTTGAAAAGGGCGCCTCCCAGCTTCCCAGGGTAAGGGTTACCCCCCA	840
Db	781	GAAAACCTTGAAAAGGGCGCCTCCCAGCTTCCCAGGGTAAGGGTTACCCCCCA	840
Qy	841	GAGGGGGGGGGAAAATCCGAGTGGGATCTTCCAACCGCCGAAGACTAAAACCTTAA	900
Db	841	GAGGGGGGGGGAAAATCCGAGTGGGATCTTCCAACCGCCGAAGACTAAAACCTTAA	900
Qy	901	ACCCCCAAAGAACCTTCTA	920
Db	901	ACCCCCAAAGAACCTTCTA	920

## RESULT 3

US-09-925-065A-602935

; Sequence 602935, Application US/09925065A

; Publication No. US20040181048A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US/09/925,065A

; CURRENT FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: US 60/243,096

; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 60/252,147

; PRIOR FILING DATE: 2000-11-20  
 ; PRIOR APPLICATION NUMBER: US 60/250,092  
 ; PRIOR FILING DATE: 2000-11-30  
 ; PRIOR APPLICATION NUMBER: US 60/261,766  
 ; PRIOR FILING DATE: 2001-01-16  
 ; PRIOR APPLICATION NUMBER: US 60/289,846  
 ; PRIOR FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 957086  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 602935  
 ; LENGTH: 650  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-065A-602935

Query Match 35.0%; Score 322.2; DB 4; Length 650;  
 Best Local Similarity 95.4%;  
 Matches 354; Conservative 0; Mismatches 13; Indels 4; Gaps 2;

Qy	373	GCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACGTGGAGTGAAAAC	432
Db	1	GCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACGTGGAGTGAAAAC	60
Qy	433	TTTAAGGGCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGTCCAATTCTCTGCTTC	492
Db	61	TTTAAGGGCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGTCCAATTCTCTGCTTC	120
Qy	493	TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTAAACCCCTCCCTG	552
Db	121	TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTAAACCCCTCCCTG	180
Qy	553	CCCCAGGCCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA	612
Db	181	CCCCAGGCCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA	240
Qy	613	ACCTGGGAGAGGAGGGAAATCTCGAGGACCAGGGTTATGCAACAACACAAGGGA	672
Db	241	ACCTGGGAGAGGAGGGAAATCTCGAGGACCAGGGTTATGCAACAACACAAGGGA	300
Qy	673	AGTACCTGCTGGTTCTGGGGTTGGGAAGGAAATCCCTACTGCCCAAGAGCCAGCC	732
Db	301	AGTACCTGCTGG---TTCTGGGGTTGGGAAGGATCCCTACTG--CCCAAGAGCCAGCA	356
Qy	733	CCGAACCCAAG 743	
Db	357	CAGACACAAGG 367	

## RESULT 4

US-09-925-065A-602935  
 ; Sequence 602935, Application US/09925065A  
 ; Publication No. US20050228172A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single

; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 602935  
; LENGTH: 650  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-925-065A-602935

Query Match 35.0%; Score 322.2; DB 5; Length 650;  
Best Local Similarity 95.4%;  
Matches 354; Conservative 0; Mismatches 13; Indels 4; Gaps 2;

Qy 373 GCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACGTGGAGTAAAAC 432  
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||  
Db 1 GCTGGCGACTGAGAACATCACCCACTTCCCCAGAACCTTTTACGTGGAGTAAAAC 60

Qy 6 73 AGTACCTGCTGGTTCTGGGGTTGGGAAGGAAAATCCCTACTGCCCAAGAGCCAGCC 732

Qy	733	CCGAACCCAAG	743
Db	357	CAGACACACAAGG	367

## RESULT 5

US-09-925-065A-602938

; Sequence 602938, Application US/09925065A  
; Publication No. US20040181048A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 602938  
; LENGTH: 501  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-925-065A-602938

Query Match 33.7%; Score 309.8; DB 4; Length 501;  
Best Local Similarity 94.5%;  
Matches 343; Conservative 0; Mismatches 17; Indels 3; Gaps 2;

Qy	381	ACTGAGAAGCATACCCACTTCCCCAGAACCTTTTACGTGGAGTGAAAACTTAAGGG	440
Db	1	ACTGAGAAGCATACCCACTTCCCCAGAGCCTTTACATGGAGTGAAAACTTAAGGG	60
Qy	441	GCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGATGCCATTCTCTGCTCTGC AAAAG	500
Db	61	GCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGATGCCAGTTCTCTGCTCTGC AAAAG	120
Qy	501	GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTAAAACCCTCC GCCAGGC	560
Db	121	GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTAAAACCCTCC GCCAGGC	180
Qy	561	CCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGAC CTCTAACCTGGG	620
Db	181	CCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAATCGAAAGAC CTCTAACCTGGG	240
Qy	621	AGAGGAGGGAGGGAAATCTCGAGGACCAGGGTTATGCAACA ACACAAGGGAAGTACCTG	680
Db	241	AGAGGAGGGAGGGAAATCTCGAGGACCAGGGTTATGCAACA ACACAAGGGAAGTACCTG	300
Qy	681	CTGGTTCTGGGGTTGGGAAGGAAAATCC CTACTGCCCAAGAGCCAGCCCCGAACCC	740
Db	301	CTGG--TTCTGGGGTCAGGGGAGGAAGATCC CTACTG-CCCAAGAGCCAGCACAGACACA	357

Qy	741	AAG	743
Db	358	AGG	360

## RESULT 6

US-09-925-065A-602938

; Sequence 602938, Application US/09925065A  
 ; Publication No. US20050228172A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single  
 ; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.135  
 ; CURRENT APPLICATION NUMBER: US/09/925,065A  
 ; CURRENT FILING DATE: 2001-08-08  
 ; PRIOR APPLICATION NUMBER: US 60/243,096  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 60/252,147  
 ; PRIOR FILING DATE: 2000-11-20  
 ; PRIOR APPLICATION NUMBER: US 60/250,092  
 ; PRIOR FILING DATE: 2000-11-30  
 ; PRIOR APPLICATION NUMBER: US 60/261,766  
 ; PRIOR FILING DATE: 2001-01-16  
 ; PRIOR APPLICATION NUMBER: US 60/289,846  
 ; PRIOR FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 957086  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 602938  
 ; LENGTH: 501  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens

US-09-925-065A-602938

Query Match 33.7%; Score 309.8; DB 5; Length 501;  
 Best Local Similarity 94.5%;  
 Matches 343; Conservative 0; Mismatches 17; Indels 3; Gaps 2;

Qy	381	ACTGAGAAGCATACCCACTTCCCCAGAACCTTTTACGTGGAGTGAAACTTTAAGGG	440
Db	1	ACTGAGAAGCATACCCACTTCCCCAGAGCCTTTACATGGAGTGAAACTTTAAGGG	60

Qy	441	GCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGATGCCAATTCTCTGCTTCTGC AAAAG	500
Db	61	GCTGTCCAGCTAACCTCCAACCTCCAGATCCCAGATGCCAAGTTCTGCTTCTGC AAAAG	120

Qy	501	GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTAAAACCCTCC GCCAGGC	560
Db	121	GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGTAAAACCCTCC GCCAGGC	180

Qy	561	CCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGAC CTCTAACCTGGG	620
Db	181	CCCAAGCAAGGATTCCCTAGCGGGGAGGAAGGTAGAATCGAAAGAC CTCTAACCTGGG	240

Qy	621	AGAGGAGGGAGGGAAATCTCGAGGACCAGGGTTATGCAACA CACAAAGGAAAGTACCTG	680
----	-----	---	-----



```

Qy      508 AGTCAAAGACATCTGCAGC 526
        | | | | ||| |
Db      84 GGGCAGCGTTATCCACAGC 66

```

## RESULT 8

US-11-886-758-267/c

```

; Sequence 267, Application US/11886758
; Publication No. US20090214550A1
; GENERAL INFORMATION:
; APPLICANT: Ganymed Pharmaceuticals AG
; TITLE OF INVENTION: Identification of Surface-Associated Antigens for
; TITLE OF INVENTION: Tumor Diagnosis and Therapy
; FILE REFERENCE: 342-26PCT
; CURRENT APPLICATION NUMBER: US/11/886,758
; CURRENT FILING DATE: 2007-09-27
; PRIOR APPLICATION NUMBER: DE 10 2005 013 846.2
; PRIOR FILING DATE: 2005-03-24
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 267
; LENGTH: 390
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-886-758-267

```

```

Query Match          19.2%;  Score 176.6;  DB 35;  Length 390;
Best Local Similarity 93.0%;
Matches 185;  Conservative 0;  Mismatches 14;  Indels 0;  Gaps 0;

```

```

Qy      328 ACCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGCGACTGAGA 387
        | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      264 ATCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGCGACTGAGA 205
Qy      388 AGCATCACCCACTTCCCCAGAACCTTTTACGTGGAGTGAAAACTTAAGGGGCTGTCC 447
        | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      204 AGCATCACCCACTTCCCCAGAACCTTTTACGTGGAGTGAAAACTTAAGGGGCTGTCC 145
Qy      448 AGCTAACCTCCAACCTCCAGATCCCAGATGCCAATTCTCTGCTTCTGCAAAAGGACTTCA 507
        | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db      144 AGCTAACCTCCAACCTCCAGATWCCATGCCAATTCTCTGCTTCTGCAAAAGGACTCAT 85
Qy      508 AGTCAAAGACATCTGCAGC 526
        | | | | ||| |
Db      84 GGGCAGCGTTATCCACAGC 66

```

## RESULT 9

US-11-443-428A-197866

```

; Sequence 197866, Application US/11443428A
; Publication No. US20070083334A1
; GENERAL INFORMATION:
; APPLICANT: Mintz, Liat
; APPLICANT: Xie, Hanqing
; APPLICANT: Dahari, Dvir
; APPLICANT: Levanon, Erez

```

; APPLICANT: Freilich, Shiri  
 ; APPLICANT: Beck, Nili  
 ; APPLICANT: Zhu, Wei-Yong  
 ; APPLICANT: Wasserman, Alon  
 ; APPLICANT: Hermesh, Chen  
 ; APPLICANT: Azar, Idit  
 ; APPLICANT: Bernstein, Jeanne  
 ; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES  
 ; FILE REFERENCE: 02/23929  
 ; CURRENT APPLICATION NUMBER: US/11/443,428A  
 ; CURRENT FILING DATE: 2006-05-31  
 ; NUMBER OF SEQ ID NOS: 1034312  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 197866  
 ; LENGTH: 872  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-11-443-428A-197866

Query Match 16.3%; Score 149.8; DB 30; Length 872;  
 Best Local Similarity 90.4%;  
 Matches 160; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

Qy 127 ACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTAGCTGGCTGCAGCCACAGCCAA 186  
 ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||  
 Db 1 ACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTAGCTGGCTGCAGCCACAGCCAA 60

Qy 187 CAACAAGACTGCAACCTCCTGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCT 246  
 ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| ||||||| |||||  
 Db 61 CAACAAGACTGCAACCTCCTGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCT 120

Qy 247 TGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAAGAT 303  
 ||||||| ||||||| ||||||| ||||| ||| ||| ||| ||| ||| ||| |||  
 Db 121 TGATTCTTAACCCACAGAAATTGTGCTTAACACCATGCAGAAGCTGCCAAGGCTTAT 177

## RESULT 10

US-09-925-065A-425353

; Sequence 425353, Application US/09925065A  
 ; Publication No. US20040181048A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single  
 ; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.135  
 ; CURRENT APPLICATION NUMBER: US/09/925,065A  
 ; CURRENT FILING DATE: 2001-08-08  
 ; PRIOR APPLICATION NUMBER: US 60/243,096  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 60/252,147  
 ; PRIOR FILING DATE: 2000-11-20  
 ; PRIOR APPLICATION NUMBER: US 60/250,092  
 ; PRIOR FILING DATE: 2000-11-30  
 ; PRIOR APPLICATION NUMBER: US 60/261,766  
 ; PRIOR FILING DATE: 2001-01-16

; PRIOR APPLICATION NUMBER: US 60/289,846  
 ; PRIOR FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 957086  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 425353  
 ; LENGTH: 485  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-065A-425353

Query Match 16.3%; Score 149.6; DB 4; Length 485;  
 Best Local Similarity 91.0%;  
 Matches 193; Conservative 0; Mismatches 14; Indels 5; Gaps 3;

Qy	532	ACGGGGTAAAACCCCTCCCTGCCCCAGGCCAAGCAAGGATTCCCTAGCGGGGAGGAA	591
Db	1	ACGGGGTAAAACCTCCCTGCCCCAGGCCAAGCAAGGATTCCCTAGCGGGGAGGAA	60
Qy	592	GGTAGAATCGAGAGACCTCTAACCCCTGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGG	651
Db	61	GGTAGAATCGAGAGACCTCTAA-CCTGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGG	119
Qy	652	GTTATGCAACAAACACAAGGAAAGTACCTGCTGGTTCTGGGGTTGGGAAGGAAAATCC	711
Db	120	GTTATGCAACAAACACAAGGAAAGTACCTGCTGG---TTCTGGGTTGGGAGGAAGATCC	176
Qy	712	CTACTGCCCAAGAGCCAGCCCCAACCAAG	743
Db	177	CTACTG-CCCAAGAGCCAGCACAGACACAAGG	207

## RESULT 11

US-09-925-065A-425353

; Sequence 425353, Application US/09925065A  
 ; Publication No. US20050228172A9  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single  
 ; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
 ; FILE REFERENCE: 108827.135  
 ; CURRENT APPLICATION NUMBER: US/09/925,065A  
 ; CURRENT FILING DATE: 2001-08-08  
 ; PRIOR APPLICATION NUMBER: US 60/243,096  
 ; PRIOR FILING DATE: 2000-10-24  
 ; PRIOR APPLICATION NUMBER: US 60/252,147  
 ; PRIOR FILING DATE: 2000-11-20  
 ; PRIOR APPLICATION NUMBER: US 60/250,092  
 ; PRIOR FILING DATE: 2000-11-30  
 ; PRIOR APPLICATION NUMBER: US 60/261,766  
 ; PRIOR FILING DATE: 2001-01-16  
 ; PRIOR APPLICATION NUMBER: US 60/289,846  
 ; PRIOR FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 957086  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 425353  
 ; LENGTH: 485

; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-065A-425353

Query Match 16.3%; Score 149.6; DB 5; Length 485;  
 Best Local Similarity 91.0%;  
 Matches 193; Conservative 0; Mismatches 14; Indels 5; Gaps 3;

Qy 532 ACGGGGGTAAAACCCCTCCCTGCCCCAGGCCCAAGCAAGGATTCCCTAGCGGGGAGGAA 591  
 ||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 1 ACGGGGGTAAAACCCCTCCCTGCCCCAGGCCCAAGCAAGGATTCCCTAGCGGGGAGGAA 60

Qy 592 GGTAGAACATCGAGAGACCTCTAACCCCTGGGAGAGGAGGGAGGGAAATCTCGAGGACCAGG 651  
 ||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 61 GGTAGAACATCGAGAGACCTCTAA-CCTGGGAGAGGAGGGAGGGAAATCTCGAGGACCAGG 119

Qy 652 GTTATGCAACAAACACAAGGAAAGTACCTGCTGGTTCTGGGGTTGGGAAGGAAATCC 711  
 ||||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
 Db 120 GTTATGCAACAAACACAAGGAAAGTACCTGCTGG---TTCTGGGTTGGGAGGAAGATCC 176

Qy 712 CTACTGCCCAAGAGCCAGCCCCGAACCCAAG 743  
 ||||| ||||| ||||| ||||| ||||| |||||  
 Db 177 CTACTG-CCCAAGAGCCAGCACAGACACAAGG 207

## RESULT 12

US-09-854-867-108

; Sequence 108, Application US/09854867  
 ; Publication No. US20030224356A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: JOAN, KNOLL H  
 ; APPLICANT: ROGAN, PETER K  
 ; TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING SAME  
 ; FILE REFERENCE: 30307  
 ; CURRENT APPLICATION NUMBER: US/09/854,867  
 ; CURRENT FILING DATE: 2003-05-08  
 ; NUMBER OF SEQ ID NOS: 613  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 108  
 ; LENGTH: 561  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: repeat\_region  
 ; LOCATION: (1)..(561)  
 ; OTHER INFORMATION: mlt1f1  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (62)..(62)  
 ; OTHER INFORMATION: n is a, c, g or t  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (165)..(165)  
 ; OTHER INFORMATION: n is a, c, g or t



; AUTHORS: Jurka, J; Walichiewicz, J; Milosavljevic, A  
; TITLE: Prototypic sequences for human repetitive DNA  
; JOURNAL: Journal of Molecular Evolution  
; VOLUME: 35  
; ISSUE: 4  
; PAGES: 286-291  
; DATE: 1992-10-\_\_  
; DATABASE ACCESSION NUMBER: Database of repetitive elements (repbase)  
; DATABASE ENTRY DATE: \_\_-\_\_-\_\_  
; DATABASE ENTRY DATE: 1996-01-26

US-10-786-970A-108

Query Match 13.3%; Score 122.6; DB 11; Length 561;  
Best Local Similarity 69.6%;  
Matches 201; Conservative 0; Mismatches 74; Indels 14; Gaps 2;

Qy 62 ACTTGGTGAGAAACCGATGCCT-CTGCCAACCACCTGCACTAACCTGCTGGGTC----- 114

Db 261 ATGTGGCAAGGAACTGAGGCCTCCTGCCAACAGCCAGCAAGGAACTGAGGCCTCCTGCCA 320  
Qv 115 -----TCACACTCACCCACTTTCAACCTCATCTTCCACCCACCTCAACCCCTTAC 167

Db 321 ACAGCCATGTGAGTGAGCCATCTTGGAAAGCAGATCCTCCAGCCCCAGTCAAGCCTTCAGA 380

Db 381 TGACTGCAGCCCCAGCTAACATCTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACCC 440

Qy 228 CCCTGGCTAAATTGCTCCTGATTCTAACCCACAGAAATTGTGTAAGA 276  
|| ||||| ||||||| ||||| | ||||||||| ||||| |||  
Db 441 ACCCAGCTAAGCTGCTCCTAAATTCTGACCCACAGAAACTGTGAGAGA 489

## RESULT 14

US-12-411-359-108

; Sequence 108, Application US/12411359

; Publication No. US20090312533A1

GENERAL INFORMATION

; APPLICANT: JOAN, KNOLL H

; APPLICANT:ROGAN, PETER K

; T

SAME

; FILE REFERENCE: 30307

; CURRENT APPLICATION NUMBER: US/

; CURRENT FILING DATE: 2009-03-25

; PRIOR APPLICATION NUMBER: 09/

; PRIOR FILING DATE: 2001-05-14  
; NUMBER OF SEQ ID NOS: 613

NUMBER OF SEQ ID NOS: 613  
SOFTWARE: PatentIn version 3.1

; SOFTWARE: Par

; SEQ ID NO 10  
; LENGTH: 561

```
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: repeat_region
; LOCATION: (1)..(561)
; OTHER INFORMATION: mlt1f1
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (62)..(62)
; OTHER INFORMATION: n is a, c, g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (165)..(165)
; OTHER INFORMATION: n is a, c, g or t
```

US-12-411-359-108

Query Match 13.3%; Score 122.6; DB 37; Length 561;  
Best Local Similarity 69.6%;  
Matches 201; Conservative 0; Mismatches 74; Indels 14; Gaps 2;

Qy	2	CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC	61
Db	201	CTCTGGGGGAAGCCAGCTGCCATGTCATGAGGACACTCAAGCAGCCCTGTGGAGAGGCC	260

```

Qy      62 ACTTGGTGAGAAACCGATGCCT-CTGCCAACCACCTGCACTAACCTGCTGGGTC----- 114
          |   |||   ||  |||  ||  |||||  |||||||  ||  |||  |  |||  |  ||
Db      261 ATGTGGCAAGGAAGTGGGCTCTGCCAACAGCCAGCAAGGAAGTGGGCTCTGCCA 320

```

Qy	168	TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCTGAGCCAGAATC	227
Db	381	TGACTGCAGCCCCAGCTAACATCTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACCC	440

## RESULT 15

US-12-427-111-108

; Sequence 108, Application US/12427111

; Publication No. US20100003684A1

## GENERAL INFORMATION

APPLICANT: JOAN, KNOLL H

; APPLICANT:ROGAN, PETER K  
; TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF  
SAME

; FILE REFERENCE: 30307

; CURRENT APPLICATION NUMBER: US/12/427,112

CURRENT FILING DATE: 2009-04-21

PRIOR APPLICATION NUMBER: 09/573,080

PBTOR FITTING DATE: 2000-05-16

NUMBER OF SEQ ID NOS: 479

;
 SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 108  
 ; LENGTH: 561  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; NAME/KEY: repeat\_region  
 ; LOCATION: (1)..(561)  
 ; OTHER INFORMATION: mlt1f1  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (62)..(62)  
 ; OTHER INFORMATION: n is a, c, g or t  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: (165)..(165)  
 ; OTHER INFORMATION: n is a, c, g or t

US-12-427-111-108

Query Match 13.3%; Score 122.6; DB 37; Length 561;  
 Best Local Similarity 69.6%;  
 Matches 201; Conservative 0; Mismatches 74; Indels 14; Gaps 2;

Qy	2	CTGTAGAGGGAAATGGCTGCTGTGTCATGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC	61
Db	201	CTCTGGGGAAAGCCAGCTGCCATGTCATGAGGACACTCAAGCAGCCCTGTGGAGAGGCC	260
Qy	62	ACTTGGTGAGAACCGATGCCT-CTGCCAACCAACCTGCACTAACCTGCTGGGTC-----	114
Db	261	ATGTGGCAAGGAACTGAGGCCTCCTGCCAACAGCCAGCAAGGAACTGAGGCCTCCTGCCA	320
Qy	115	-----TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGC	167
Db	321	ACAGCCATGTGAGTGAGCCATCTTGGAACAGCAGATCCTCCAGCCCCAGTCAAGCCTTCAGA	380
Qy	168	TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAAC	227
Db	381	TGACTGCAGCCCCAGCTAACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAAC	440
Qy	228	CCCTGGCTAAATTGCTCCTTGATTCTAACCCACAGAAATTGTGTAAGA	276
Db	441	ACCCAGCTAAGCTGCTCCTAAATTCCCTGACCCACAGAAACTGTGAGAGA	489

Search completed: August 3, 2010, 12:16:03

Job time : 3855 secs